CLAIMS:

1.	An	electronic	device	workpiece	processing	apparatu
comprising:						

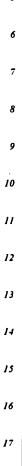
- a workpiece holder adapted to receive an electronic device workpiece having an electrical coupling, the workpiece holder including an electrical coupling configured to electrically couple with the electrical coupling of the electronic device workpiece and communicate signals between the electronic device workpiece and the workpiece holder.
- 2. The electronic device workpiece processing apparatus according to claim 1 further comprising a data gathering device coupled with the electrical coupling of the workpiece holder and configured to receive the signals.
- 3. The electronic device workpiece processing apparatus according to claim 2 further comprising a contact plate configured to communicate the signal intermediate the workpiece holder and the data gathering device.
- 4. The electronic device workpiece processing apparatus according to claim 1 wherein the workpiece holder includes a first surface, a second surface, and an electrical interconnect configured to electrically couple the first surface and the second surface.

5.	The	electronic	device	workpiece	processing	apparatu
					f the workpi	
is configu	red to	face a rec	eived el	ectronic dev	ice workpiec	e and the
second su	rface is	configured	to face	a chuck.	,	

- 6. The electronic device workpiece processing apparatus according to claim 1 wherein the workpiece holder includes a plurality of electrical couplings adapted to couple with a plurality of electrical couplings of the electronic device workpiece
- 7. The electronic device workpiece processing apparatus according to claim 1 wherein the workpiece holder comprises a chuck.
- 8. The electronic device workpiece processing apparatus according to claim 1 wherein the workpiece holder comprises a chuck configured to receive a calibration workpiece and a production workpiece.
- 9. The electronic device workpiece processing apparatus according to claim 8 wherein the workpiece holder and the calibration workpiece include vacuum chambers adapted to receive a vacuum to couple the calibration workpiece and the production workpiece with the chuck.

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- 10. The electronic device workpiece processing apparatus according to claim 1 wherein the workpiece holder comprises an intermediate member adapted to couple with a chuck.
- 11. The electronic device workpiece processing apparatus according to claim 1 wherein the workpiece holder includes a vacuum chamber adapted to receive a vacuum to couple a received electronic device workpiece with the workpiece holder.
- 12. The electronic device workpiece processing apparatus according to claim 1 wherein the electrical interconnect comprises a conductive column configured to extend outward from plural surfaces of the chuck.
- 13. The electronic device workpiece processing apparatus according to claim 12 further comprising a contact plate including circuitry configured to provide electrical connection with the conductive column.



14	. An	electronic	device	workpi	ece pr	ocessing	intermed	iate
member	adapted	to receive	e an ele	ectronic	device	workpied	e having	an
electrica	l couplin	g and coup	le with a	a chuck	having	an electr	/ ical coupl	ling,
the inte	rmediate	 member c	omprisin	g:				

an electrical interconnect configured to electrically connect the electrical coupling of the electronic device workpiece with the electrical coupling of the chuck.

- 15. The electronic device workpiece processing intermediate member according to claim 14 wherein the intermediate member includes a plurality of electrical interconnects configured to electrically connect a plurality of electrical couplings of an electronic device workpiece and a chuck.
- 16. The electronic device workpiece processing intermediate member according to claim 14 wherein the electrical interconnect comprises a pogo pin.
- 17. The electronic device workpiece processing intermediate member according to claim 14 wherein the electrical interconnect comprises a wire.

18.	An e	lectronic	device	workpiece	processing	apparatus
					ve an electro	/
workpiece	and th	e workpie	ece hold	er having o	circuitry con	figured to
					ceived electro	
workpiece	and th	e proces	s signal	containing	information	regarding
processing	of the	received e	lectronic	device worl	kpiece/	

- 19. An electronic device workpiece processing apparatus comprising:
- a chuck including a surface, an electrical coupling adjacent the surface, and electrical interconnect configured to connect with the electrical coupling of the chuck and conduct a signal within the chuck;

an intermediate member having a first surface and a second surface and the intermediate member including:

an electrical coupling adjacent the first surface and configured to couple with the electrical coupling of the chuck;

an electrical coupling adjacent the second surface; and
an electrical interconnect configured to connect the electrical
coupling adjacent the first surface and the electrical coupling adjacent
the second surface; and

an electronic device workpiece configured to couple with the second surface of the intermediate member, the electronic device workpiece including a sensor and an electrical coupling configured to

of the second surface of the intermediate member.

- 20. The electronic device workpiece processing apparatus according to claim 19 further comprising a data gathering device coupled with the electrical coupling of the chuck and configured to receive the signal.
- 21. The electronic device workpiece processing apparatus according to claim 20 further comprising a contact plate configured to communicate the signal intermediate the chuck and the data gathering device.
- 22. The electronic device workpiece processing apparatus according to claim 19 wherein the sensor comprises a resistance temperature device.
- 23. The electronic device workpiece processing apparatus according to claim 19 wherein the electronic device workpiece comprises a calibration workpiece.

- 24. The electronic device workpiece processing apparatus according to claim 19 wherein the electrical interconnect comprises a conductive column configured to extend outward from plural surfaces of the chuck.
- 25. The electronic device workpiece processing apparatus according to claim 24 further comprising a contact plate including circuitry configured to provide electrical connection with electrical couplings of the chuck.

26.	An	electronic	device	workpiece	processing	apparatu
comprising:						

a chuck including a surface, a plurality of electrical couplings adjacent the surface, and a plurality of electrical interconnects configured to connect with respective electrical couplings of the chuck and conduct signals within the chuck;

an intermediate member having a first surface and a second surface and the intermediate member including:

a plurality of electrical couplings adjacent the first surface and configured to couple with respective electrical couplings of the chuck;

a plurality of electrical couplings adjacent the second surface; and

a plurality of electrical interconnects configured to electrically connect the electrical couplings of the first surface with respective electrical couplings of the second surface;

a calibration workpiece configured to couple with the second surface of the intermediate member, the calibration workpiece including a plurality of resistance temperature devices configured to generate process signals, and a plurality of electrical connections configured to electrically connect the resistance temperature devices with respective electrical couplings of the second surface of the intermediate member; and

	a	data	gathe	ring d	levice	coup	led w	ith th	ne electr	ical inte	erconn	ects
of	the	chuck	and	config	gured	to r	eceive	the	process	signals	from	y he
res	istan	ce tem	perat	ure de	vices	throu	gh the	inte	rmediate	membe	r and	the
chu	ıck.	•										

27. A method of communicating signals within an electronic device workpiece processing apparatus, the method comprising:

providing a workpiece holder adapted to couple with an electronic device workpiece; and

communicating signals through the workpiece holder.

- 28. The method according to claim 27 further comprising coupling circuitry of an electronic device workpiece with circuitry of the workpiece holder.
- 29. The method according to claim 28 further comprising breaking the coupled circuitry of the electronic device workpiece and the circuitry of the workpiece holder.
- 30. The method according to claim 27 further comprising coupling an electronic device workpiece with the workpiece holder using a vacuum.

- 31. The method according to claim 27 further comprising coupling a calibration workpiece and a production workpiece with the workpiece holder.
- 32. The method according to claim 27 further comprising receiving an electronic device workpiece within the workpiece holder.
- 33. The method according to claim 27 further comprising communicating the signal intermediate the workpiece holder and an electronic device workpiece using an intermediate member.
- 34. The method according to claim 27 further comprising receiving the signal within the workpiece holder from an electronic device workpiece.
- 35. The method according to claim 27 wherein the providing comprises providing a chuck.
 - 36. The method according to claim 27 further comprising: sensing a process condition of an electronic device workpiece; and generating the signal responsive to the sensing.

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	37.	The	method	according	to	claim	36	wherein	the	sensing
com	prises	sensing	g temper	ature at a	plur	ality of	po	sitions uj	pon a	surface
of the	he ele	ctronic	device	workpiece.					,	
					•					

38. A method of communicating signals within an electronic device workpiece processing apparatus, the method comprising:

providing a workpiece holder;

providing an electronic device workpiece including a sensor;

electrically coupling the sensor of the electronic device workpiece with the workpiece holder;

sensing a condition using the sensor;

generating a signal using the sensor responsive to the sensing; and conducting the signal through the workpiece holder following the coupling.

- 39. The method according to claim 38 wherein the coupling comprises coupling circuitry of the electronic device workpiece with circuitry of the workpiece holder.
- 40. The method according to claim 38 further comprising breaking the coupling of the sensor and the workpiece holder.
- 41. The method according to claim 38 further comprising receiving the electronic device workpiece within the workpiece holder.

42.	The method according	g to claim 38 wherein	the coupling
comprises	Coupling using an inter	mediate member.	
43.	The method according	to claim 38 wherein th	ne providing a
	haldan sammaissa musuis	line e church beneficien	/

- workpiece holder comprises providing a chuck configured to receive an electronic device workpiece.
- 44. The method according to claim 38 wherein the sensing comprises sensing temperature.
- 45. A method of communicating signals within an electronic device workpiece processing apparatus, the method comprising:

 providing a workpiece holder having circuitry;

 providing an electronic device workpiece having circuitry; and communicating signals intermediate the circuitry of the electronic device workpiece and the circuitry of the workpiece holder.
- 46. The method according to claim 45 further comprising coupling the circuitry of the electronic device workpiece with the circuitry of the workpiece holder.
- 47. The method according to claim 46 wherein the coupling comprises coupling using an intermediate member.

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48.	. The	method	according	to	claim	46 ft	irther	comprising
breaking	the cou	pling of t	the circuitry	of	the ele	ctronic	device	workpiece
and the	circuitry	of the	workpiece h	olde	er.			

- The method according to claim 45 wherein the providing a 49. workpiece holder comprises providing a chuck configured to receive an electronic device workpiece.
- The method according to claim 45 further comprising 50. receiving the electronic device workpiece within the workpiece holder.
 - The method according to claim 45 further comprising: 51. sensing a process condition of the electronic device workpiece; and generating the signal responsive to the sensing.
- The method according to claim 51 wherein the sensing comprises sensing temperature at a plurality of positions upon a surface of the electronic device workpiece.



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